

Fig.1

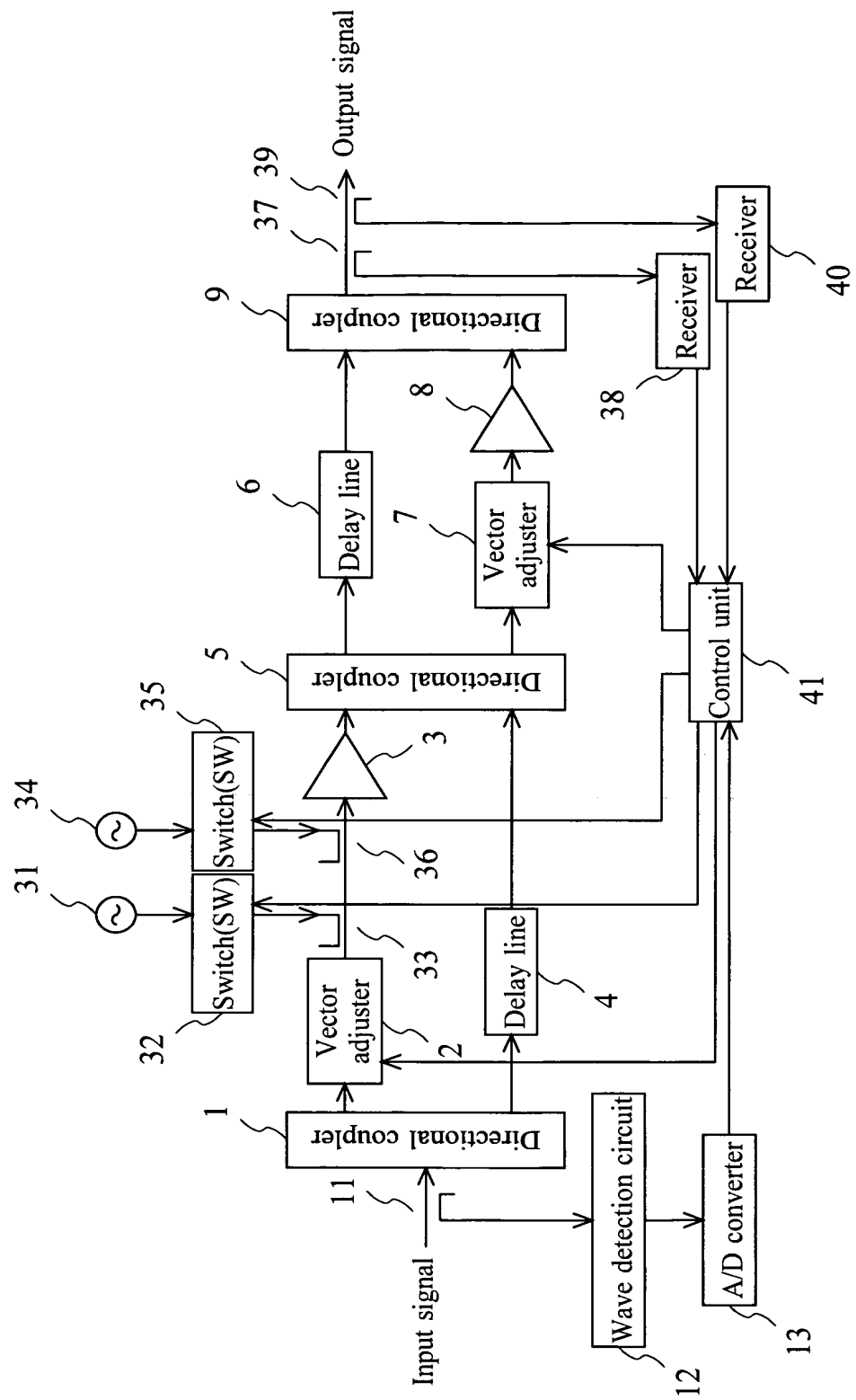


Fig.2

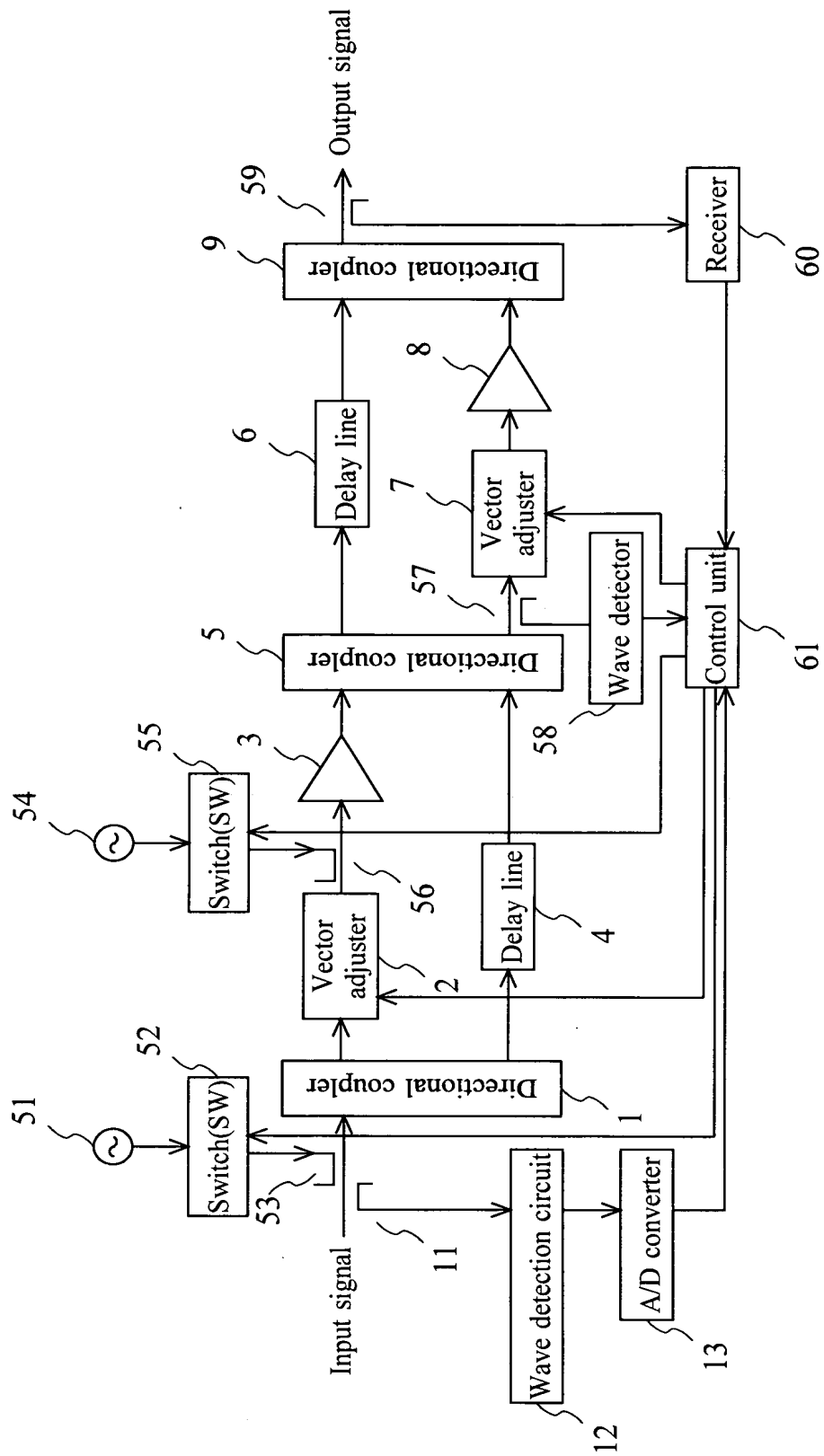
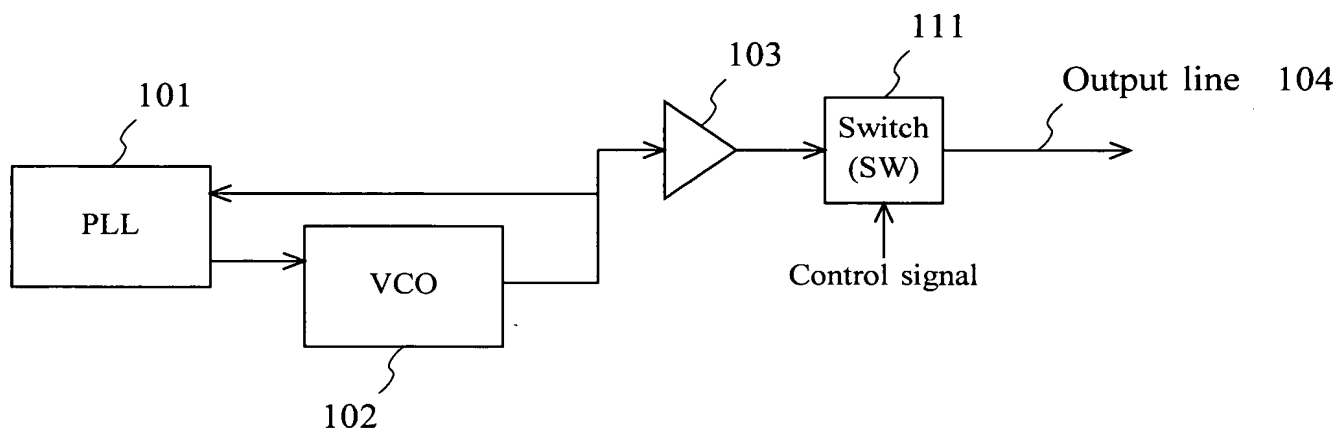
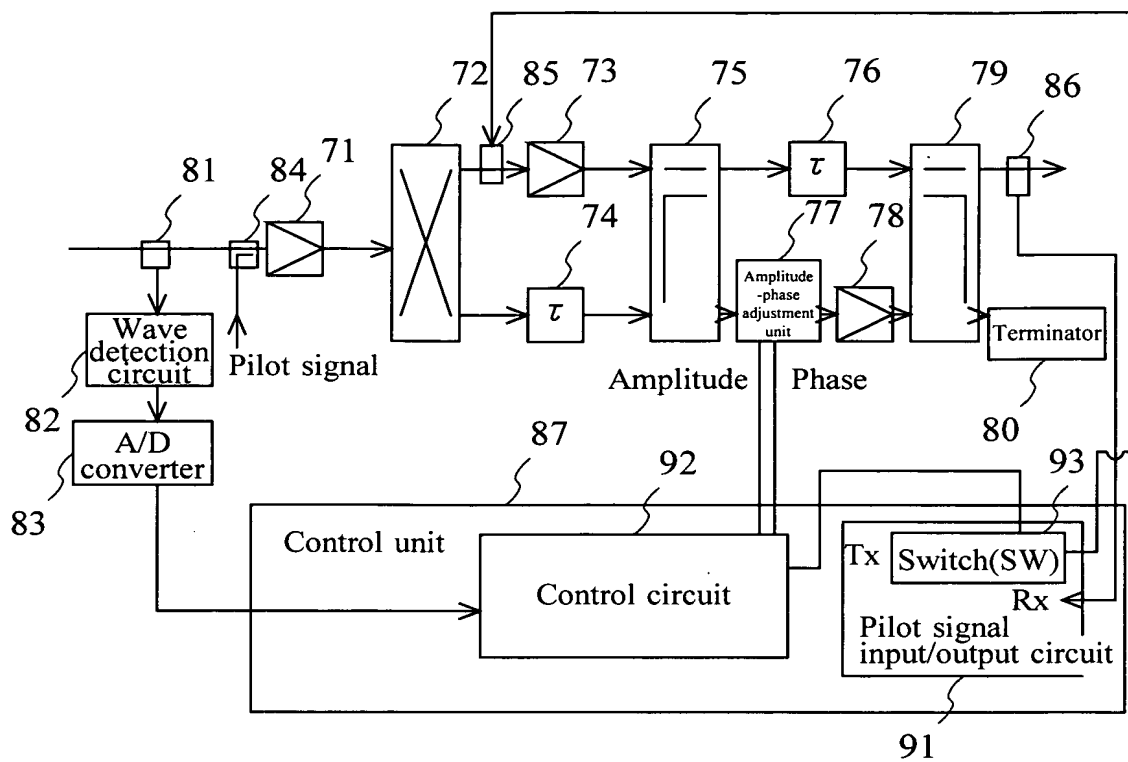


Fig.3



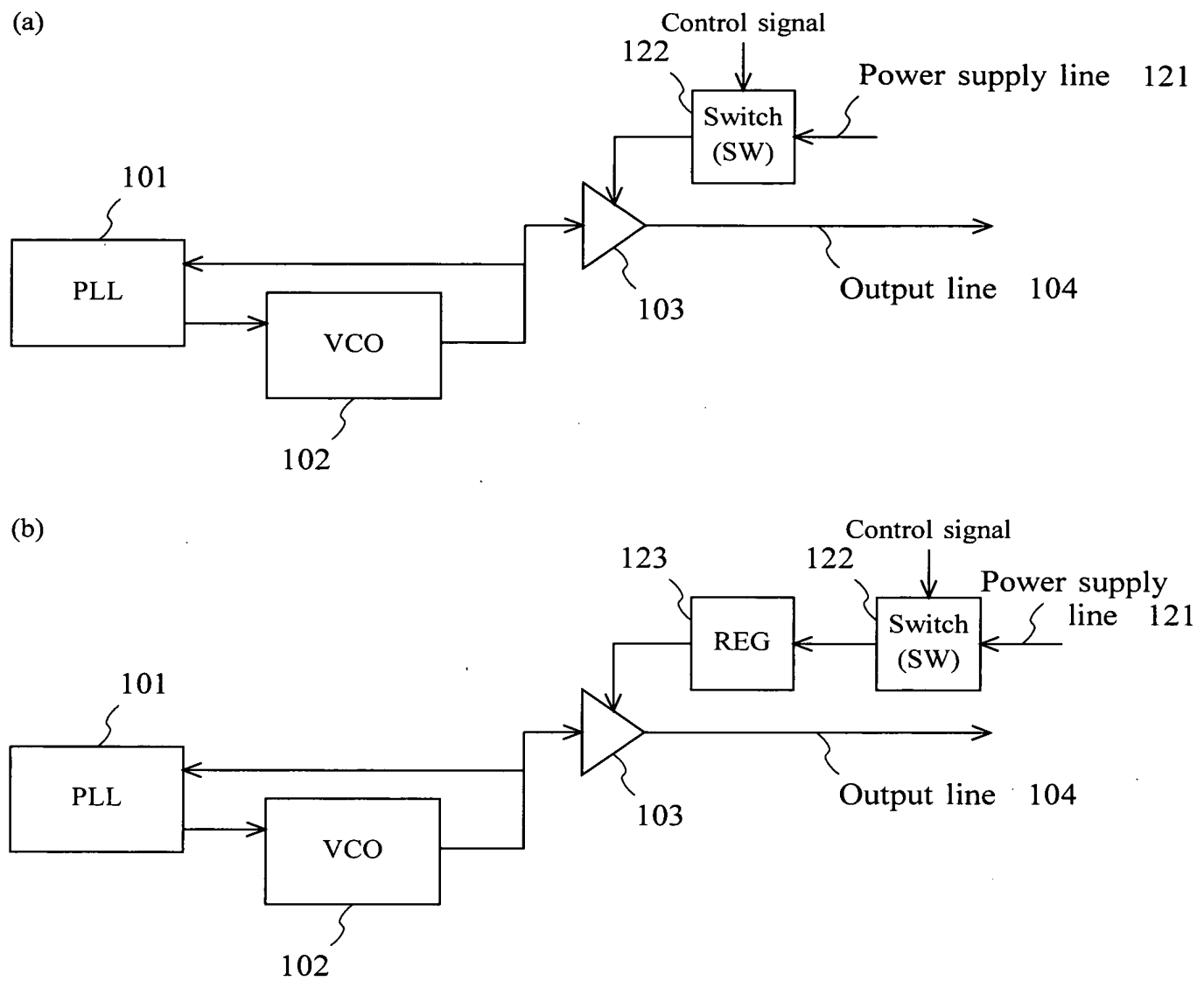


Fig.6

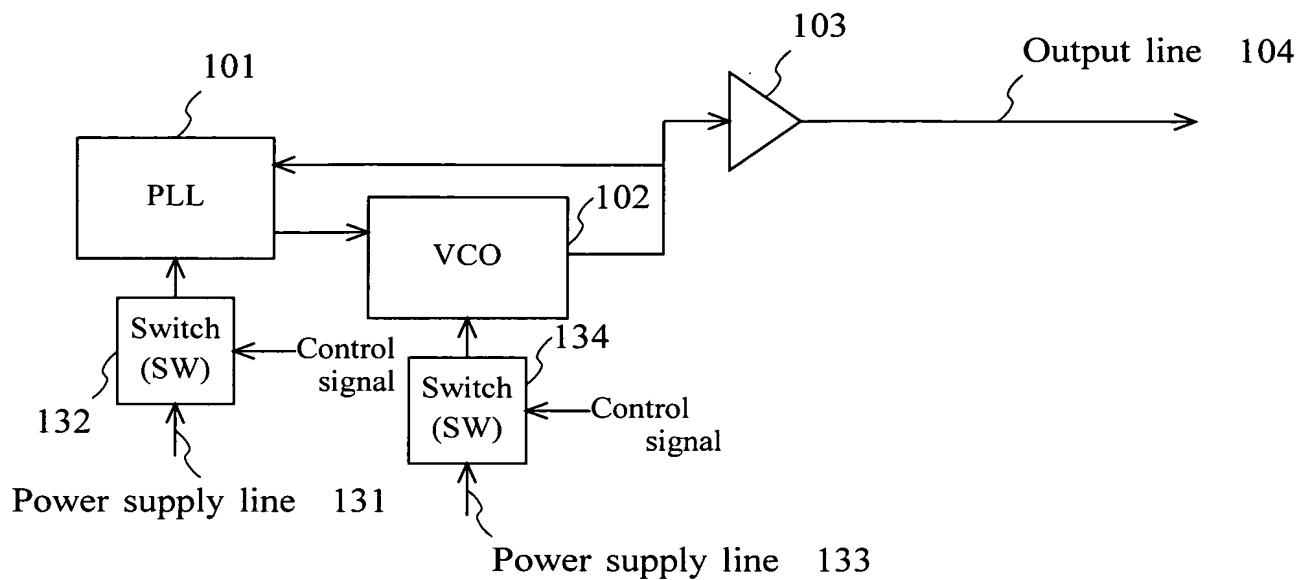
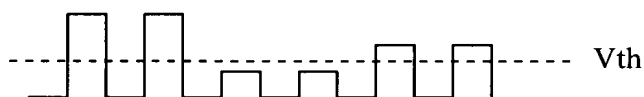


Fig.7

(a) RF Input



(b) Wave detection circuit
output voltage



(c) Operational amplifier output



(d) RF input

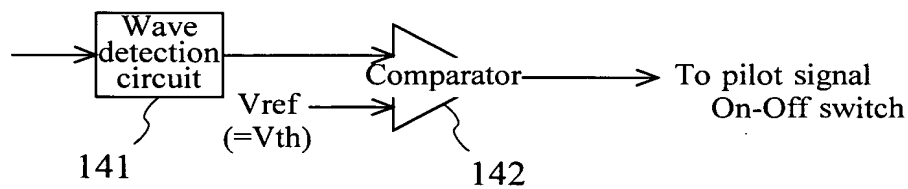


Fig.8

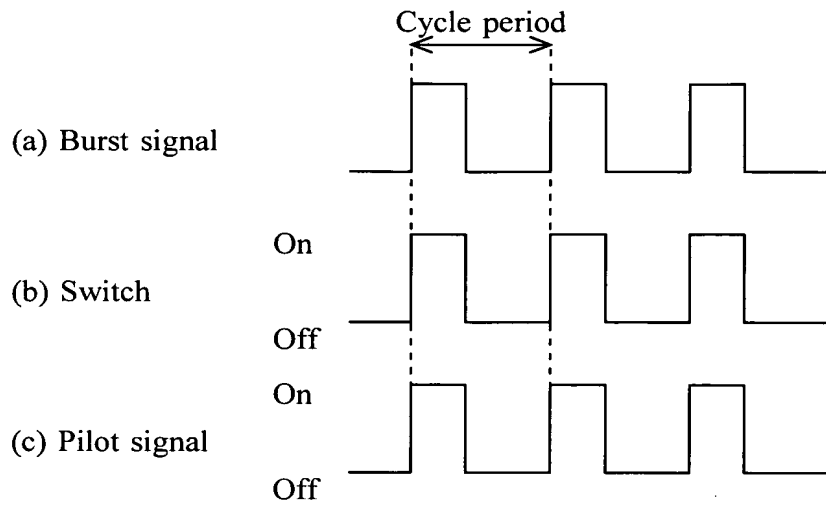


Fig.9

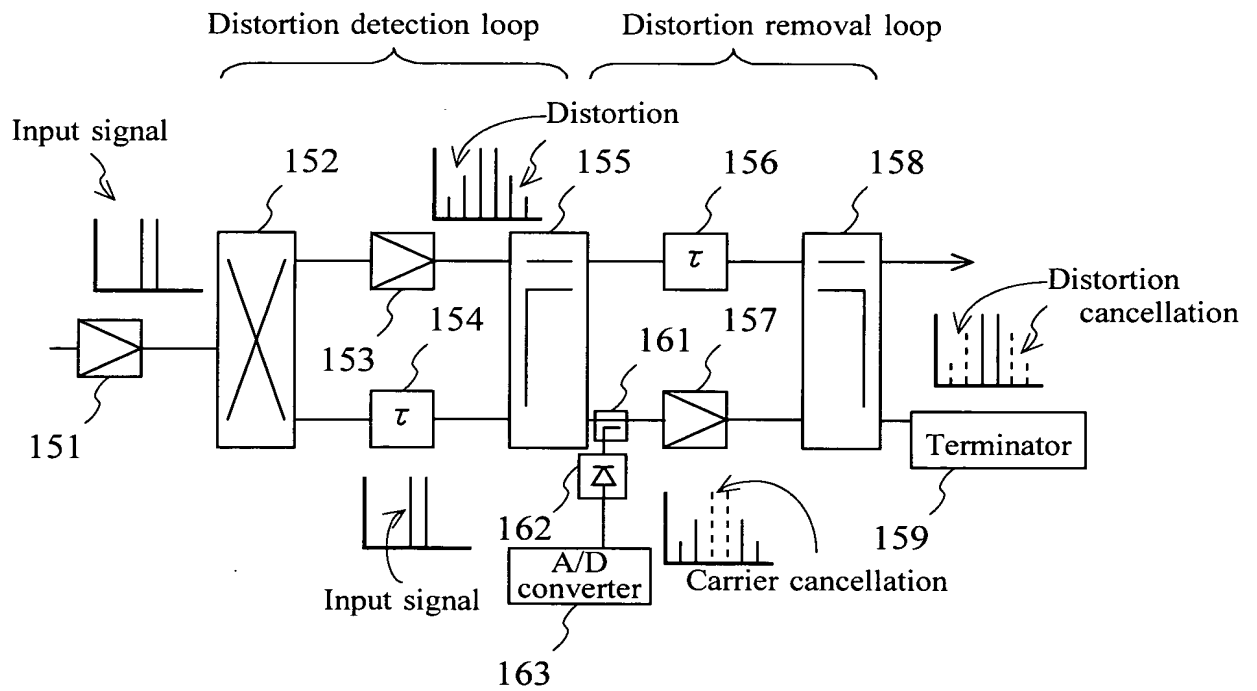


Fig.10

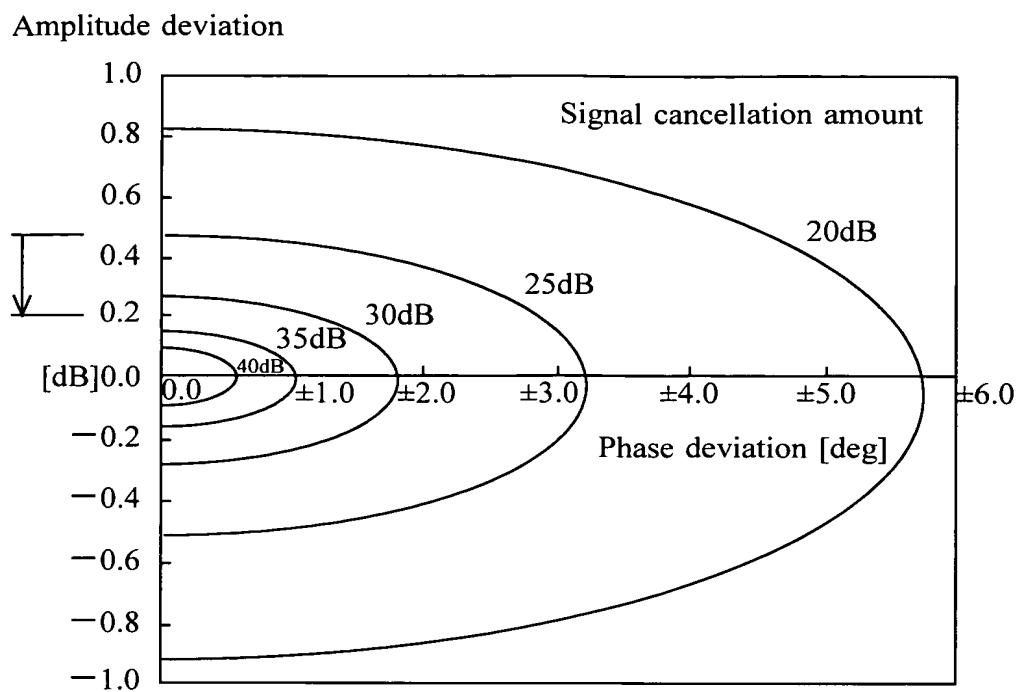


Fig.11

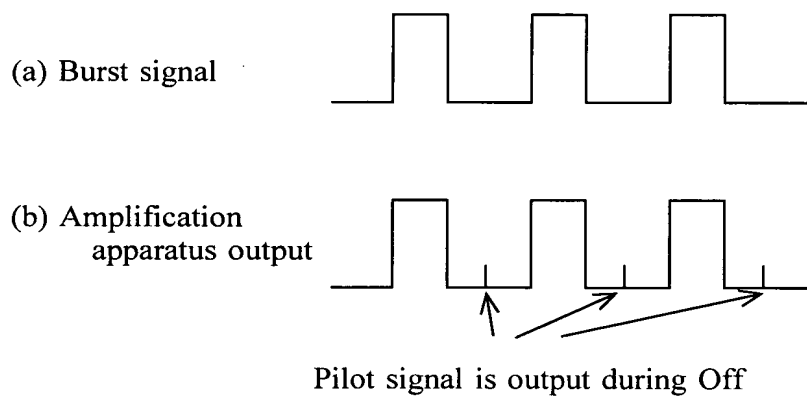


Fig.12